

**Site activities IVO Gold King Mine Release****23AUG2015**

Agency/Organization	Number of Personnel
EPA	01
USCG	04
ER	09
START	03
OMNI Water Solutions	03
Visitors	02
Total Personnel	22

**Water Treatment –**

- Caustic and flocculent addition on going.
- Pumping from Gold King Mine treatment pond 1 to Red and Bonita pond 3.
- Initiated preparation for diverting flow to R&B ponds.
- Preparing for lime slurry ops if needed based upon evaluation of current operations

**Sediment Recovery – OMNI Water Solutions / Rain for Rent**

- Omni removed sediment from the ponds into filter bags.

**Water quality Sampling – START Data submitted separately.**

- Water quality parameters collected at 11 locations three times daily
- Flow Rate of 545 GPM was recorded at 0830 from the Gold King Mine adit portal.
- Flow rate of 548 GPM was recorded at 1530 from the Gold King Mine adit portal.
- USCG personnel to monitor the PH and NTU's at 4 different locations every 2 hours to monitor water treatment change.

**Red and Bonita (R&B) Mine Operations –**

- Installation of bulkheads in preparation to close mine.

**Gold King Mine Ops –**

- Road repairs to adit portal with gabion baskets and regrading completed.

**Media Interest –**

- Senator Burgess to visit 25 AUG 2015.
- No media or VIP site visits today

**Logistics –**

- EPA MEOC working off contracted generator.
- Light plants for MEOC and work sites.

**Future Actions –**

- Change treatment in first pond from direct treatment to circular treatment to improve circulation.
- 20' x 30' tent to be delivered 25 AUG 2015 for site
- San Miguel Power to remove damaged power lines 26 AUG 2015.
- Rain for Rent engineering solution for diversion to R&B and down to Gladstone.
  - Additional rerouting options.
- Survey to be conducted for Gold King Mine waste dump
- Discussing the procurement of a water truck to help create Lime Slurry mixture in totes
- Automated lime treatment system on order
- Stream diversion equipment to arrive Monday for installation.
- Examining the option of creating a lime slurry with a PH of 7.5 and stopping the addition of the caustic solution and Brenn-FLOC